

53883-178

6/16/2011

1/20



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY AND
POLLUTION PREVENTION

June 16, 2011

Amy Warren
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507-1041

Subject: Notification - Adding an Alternate Brand Name
EPA Registration Number: 53883-178
Date of Submission: May 16, 2011

Dear:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration (PRN) 98-10 dated May 16, 2011, for the above mentioned product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions regarding this letter, please contact BeWanda Alexander at (703) 305-7460 or e-mail alexander.bewanda@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "Richard Gebken".

Richard Gebken
Product Manager 10
Insecticide Branch
Registration Division (7505P)

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 53883 - 178	2. EPA Product Manager Richard Gebken	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Bifenthrin 2.4 MEC	PM# 10	
5. Name and Address of Applicant (Include ZIP Code) Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507-1041 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical to the product for which the label is being submitted and labeling to: EPA Reg. No. _____ Product Name _____	

NOTIFICATION

JUN 16 2011

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of ALTERNATE BRAND NAME

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	
	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	<input checked="" type="checkbox"/> Plastic	
			No. per container	<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container pint-250 gallon tote		5. Location of Label Directions <input checked="" type="checkbox"/> on label	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Amy Warren		Title Regulatory Affairs Specialist II		Telephone No. (Include Area Code) 800-242-5562	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature 			3. Title Regulatory Affairs Specialist II		
4. Typed Name Amy Warren			5. Date 5-16-11		

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May 16, 2011

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202-4501

**Re: Notification of Alternate Brand Name (PR) Notice 98-10
EPA Reg. No. 53883-178, Bifenthrin 2.4 MEC**

Dear Sir or Madam:

Enclosed is a Notification per (PR) 98-10; See highlighted text on attached labeling.

We are notifying the Agency of an Alternate Brand Name.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 USC Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

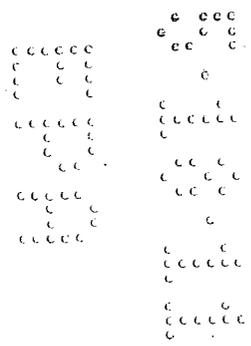
Enclosed please find:

- 1. Application for Pesticide Registration (EPA Form 8570-1)
- 2. Highlighted labeling

If you have any questions or need additional information, please feel free to contact me.

Sincerely,

Amy Warren
Regulatory Affairs Specialist II



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Bifenthrin 2.4 MEC

[Alt name Surrender brand Termite Killer 5]

[Alt name: Martin's Termite Killer 5]

[Alt name: Termite Killer 5]

[Optional generic descriptor: Termiticide/Insecticide]

FOR OUTDOOR HOMEOWNER POST CONSTRUCTION USE ONLY

Do not use inside dwellings. For use around existing structures, not for pre-construction use.

[The following are Optional Marketing Statements:]

- Ready-to-Spray
- Ready-to-Spray Applicator
- Hose-End Sprayer
- Auto-Dose Spray(er)
- Self-Mix Sprayer
- Add Hose & Spray!
- Drench-Spray
- Easy-Spray
- Just Minutes to Spray!
- No Messy Measure or Mix
- Less tools, less toil.
- Dig & Spray
- Trench & Spray
- Saturating Sprayer
- Spray Saturator
- Controls/Kills Wood Destroying Insects
- An easy to apply product to control wood-destroying, home-invading and lawn insects.

NOTIFICATION

JUN 16 2011

ACTIVE INGREDIENT:

Bifenthrin* 2.4%

OTHER INGREDIENTS:

..... 97.6%

TOTAL: 100.0%

*Cis isomers 97% minimum, trans isomers 3% maximum.

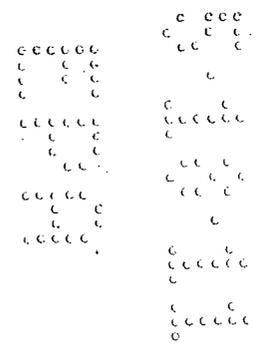
KEEP OUT OF REACH OF CHILDREN

CAUTION

(See back panel booklet [attached booklet] for additional precautionary statements and complete Directions for Use.)

Control Solutions, Inc.
 5903 Genoa-Red Bluff
 Pasadena, TX 77507
 EPA Reg. No. 53883-178
 EPA Est. No. 53883-TX-002

Net Contents: 32 fl. oz. (1 qt.) 946 mL/16 fl. oz. (1 pint) 473 mL



FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continuing rinsing eye. • Call a poison control center or doctor for treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall® (866) 897-8050 for emergency medical treatment information.</p>	
<p>Note to Physician - This product is a pyrethroid. If large amounts have been ingested, the stomach and intestine should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided.</p>	

PRECAUTIONARY STATEMENTS

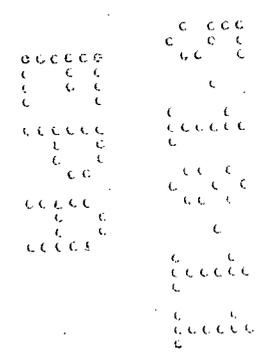
Hazards to Humans and Domestic Animals

Caution - Harmful if swallowed, inhaled, or absorbed through skin. Causes moderate eye irritation. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

Environmental Hazards

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters or rinsate. Care should be used when spraying to avoid fish and reptile pets in/around ornamental ponds.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow to drift onto blooming crops if bees are visiting the treatment area.



Bifenthrin 2.4 MEC should be shaken well before use.

Product Facts Treats up to 10,600 sq. ft.
KILLS INSECTS Termites, carpenter ants and other insects including argentine ants, boxelder bugs, carpenter bees, chinch bugs, clover mites, crickets, elm leaf beetles, firebrats, fleas, grasshoppers, German cockroaches, harvester ants, sod webworms, millipedes, mole crickets, mosquitoes, pharaoh ants, scorpions, spiders, termites (workers and winged), and ticks
WHERE TO USE Lawns, porches, patios, foundations, wood piles and stored lumber
AMOUNT TO USE • Termites: 3.2 fl. oz. (6 ½ Tbs.) per gallon of water for each 2 ½ linear feet of trench • All other pests: 0.5 fl. oz. (1 Tbs.) per gallon of water sprayed over 167 sq. ft.
HOW TO APPLY Easy to apply with tank sprayer or any hose-end applicator

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Bifenthrin 2.4 MEC is a high-performance product.

Bifenthrin 2.4 MEC has a long residual, providing up to 16 weeks control of Cockroaches and up to 12 weeks control of other pests.

Bifenthrin 2.4 MEC is:

- For Outdoor Use Only
- Fast-acting
- Water-based
- Easy-to-use
- Non-staining
- Broad-spectrum
- Kills Ants, Earwigs, Fleas, Insects, Mites, Roaches, Silverfish, Spiders, Ticks & Other Listed Pests
- Virtually odor-free

1 Tablespoon (Tbs.) = 3 teaspoons (tsp.)
 1 fl. oz. = 2 Tbs.
 4 fl. oz. = ½ cup.

Do not use household utensils to measure pesticides. If food utensils such as spoons or measuring cups have been used in the measuring of Bifenthrin 2.4 MEC they must be discarded and not used for food purposes again.

Do NOT use Bifenthrin 2.4 MEC inside dwellings
DO NOT treat structures that contain cisterns, wells, french drains or sump systems with Bifenthrin 2.4MEC. Soil in the vicinity of wells, cisterns or ponds should not be treated. For those situations, contact your County Cooperative Extension Agent or consult a commercial pest control service.

DO NOT use Bifenthrin 2.4 MEC to treat soil that is water saturated or frozen, or in any conditions where run-off or movement from the treatment area (site) is likely to occur.

DO NOT apply Bifenthrin 2.4 MEC while it is raining.

DO NOT use Bifenthrin 2.4 MEC on pets.

DO NOT use Bifenthrin 2.4 MEC on edible or ornamental plants. Spray drift onto these plants should be rinsed off immediately with water.

Bifenthrin 2.4 MEC is specially formulated for residential use around existing structures.

SUBTERRANEAN TERMITES (OUTDOORS) *

Bifenthrin 2.4 MEC is used to Kill and control subterranean termites. Chemicals for soil treatment are used to establish a barrier against termites. The chemical emulsion must be adequately dispersed in the soil to provide a barrier between the wood in the structure and the termite colonies in the soil. Barriers may be established in the soil on the outside perimeter of the house by trenching using a rate of 4 gallons of emulsion per 10 linear feet per foot of depth. A complete termite barrier may require treatment with another EPA registered product to the inside perimeter of the foundation and to other interior critical areas. For these situations contact a licensed pest control operator for treatment. Prevents subterranean termite infestations. For outdoor homeowner post-construction use only.

DO NOT use Bifenthrin 2.4MEC under slabs, in crawl spaces or indoors. If termites are found within the house or structure, contact a licensed pest control operator for treatment.

*Not in MA, NY & RI.

MIXING INSTRUCTIONS
(for termites)

USE A SPRINKLING CAN. Add 3.2 fl. oz. (6 ½ Tbs.) to 1 gallon of water for each 2 ½ linear feet.

HOW TO APPLY

Trench Treatment

Remove all cellulose, wood debris and wood forms from the area to be treated before application.

Poured Concrete Foundations: Dig a trench next to the foundation 6 inches wide and 4 inches deep or down to the top of the footing.

Brick and Block Foundations: Dig a trench 6 inches wide and 12 inches deep. If the footing is more than 12 inches deep, make holes with a crowbar, pipe or steel rod about 1 foot apart that extends from the bottom of the trench to the top of the footing. Make holes closer in hard packed clay soils.

To avoid shifting your house foundation, never dig below the top of the footing.

Apply the diluted solution (emulsion) in the trench at a rate of 4 gallons per 10 linear feet per foot of depth.

Apply half volume of the diluted product with a sprinkling can in the trench. Apply other half to the backfill as the trench is refilled.

Fence Posts-New Installations

Use a sprinkling can. Pour ½ gallon of diluted product into fence post hole and add another ½ gallon to the soil when filling the hole so that all the fill soil is treated to form a protective barrier.

Fence Posts-Existing

Create an insecticidal barrier in the soil around wooden constructions such as signs, fences and landscape ornamentation.

Previously installed poles and posts may be treated by digging a trench 6 inches wide around the pole or post and pouring 1/2 gallon of diluted product into the trench. Add another 1/2 gallon to the soil when filling the hole so that all the fill soil is treated to form a continuous protective barrier on all sides of the pole. Use 1 gallon of emulsion per foot of depth for poles and posts less than six inches in diameter. For larger poles, use 1.5 gallons of emulsion per foot of depth. Apply to a depth of 6 inches below the bottom of the wood. For larger constructions, use 4 gallons per 10 linear feet per foot of depth.

WHEN TO RE-APPLY

Re-application for Bifenthrin 2.4 MEC for the control of subterranean termites should only be made when there has been a disruption of the chemical barrier in the soil due to construction, excavation, landscaping, etc. Re-application should be made as a spot treatment to those areas. Annual re-application of the entire premises must be avoided.

CARPENTER ANTS, CARPENTER BEES, WOOD DESTROYING BEETLES, AND OTHER HOME INVADING PESTS (OUTDOORS)

Bifenthrin 2.4 MEC may also be used to control the following insects (outdoors).

Ants (Including Carpenter ant, red harvester, pavement, odorous pyramid, Argentine and pharaoh) carpenter bees, beetles, boxelder bugs, centipedes, chiggers, crickets, earwigs, firebrats, fleas, German cockroaches, house flies, hornets, millipedes, scorpions, silverfish, sowbugs, spiders (including black widow and brown recluse), springtails, ticks, wasps, wood destroying beetles, hornets, and yellow jackets.

For use against hornets, wasps and yellow jackets: Application should be made in the late evening when insects are at rest. Aim spray at nest openings in ground, bushes and in cracks and crevices which may harbor nests, saturating nest openings and contacting as many insects as possible.

MIXING INSTRUCTIONS
(for home invading pests)

AMOUNT TO USE:

• When using a tank sprayer

0.5 fl. oz. (1 Tbs.) per gallon of water to be sprayed over 167 sq. ft.

• When using a "dial and spray"

1. Set dial to 0.5 fl. oz.
2. Add 3.2 fl. oz. (6 1/2 Tbs.) to sprayer jar. DO NOT add water.
3. Spray evenly over 1,000 sq. ft. until jar is empty.

TREATMENT FOR WOOD DESTROYING PESTS (OUTDOORS)

Bifenthrin 2.4 MEC may also be used to control Wood Destroying Pests in Localized Areas
Outdoors: For insects such as termites, ants, carpenter ants, and wood-infesting beetles such as Old House Borer and Powder Post in localized areas of infested wood around structures, apply emulsion to voids and galleries in damaged wood and in spaces between wooden members of a structure and between wood and foundations where wood is vulnerable. Paint on or fan spray applications may also be used.

HOW TO APPLY

Wood Treatment

Fences and Outdoor Wood Surfaces of Buildings: Apply evenly on wood surfaces. Allow to dry and repeat to ensure the insecticide soaks into the wood.

Wood Piles and Stored Lumber: Use a Dial N Spray or other garden tank sprayer or a sprinkling can to deliver a coarse drenching spray. Treated wood can be burned or used for building one month after treatment.

Perimeter Treatment

To keep insects from entering the house, use a hose-end or tank sprayer to spray a 3 to 10 foot band of soil around the house next to the foundation. Also spray the foundation of the house to a height of 2 to 3 feet. House siding may be treated if pests such as gypsy moth adults and caterpillars, boxelder bugs, elm leaf beetles, earwigs, or silverfish are present.

LAWN PESTS (OUTDOORS)

Bifenthrin 2.4 MEC may be used to control above ground insects including armyworms, chiggers, chinch bugs, clover mites, crickets, cutworms, dichondra flea beetles, earwigs, fleas, grasshoppers, sod webworms and ticks.

Bifenthrin 2.4 MEC may be used to control below ground insects including mole crickets and European crane flies.

MIXING INSTRUCTIONS

(for lawn pests)

AMOUNT TO USE:

• **When using a tank sprayer**

0.5 fl. oz. (1 Tbs.) per gallon of water to be sprayed over 167 sq. ft.

• **When using a "dial and spray"**

1. Set dial to 0.5 fl. oz.
2. Add 3.2 fl. oz. (6 ½ Tbs.) to sprayer jar. DO NOT add water.
3. Spray evenly over 1,000 sq. ft. until jar is empty.

HOW TO APPLY

- Measure lawn. Calculate square feet by multiplying length times width.
- Spray evenly over measured area. Treat entire lawn.

WHEN TO REAPPLY

Repeat application is necessary only if there are signs of renewed insect activity. Repeat application should be limited to no more than once per seven days.

In New York State, this product may NOT be applied to any grass or turf area within 100 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch).

In New York State, do make a single repeat application of Bifenthrin 2.4 MEC if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

MOSQUITOES (OUTDOORS)

Mosquitoes coming to rest on areas treated for the control of lawn and home-invading pests will be killed for varying periods of time after application, depending on exposure of treated areas to environmental conditions.

ANT AND FIRE ANT MOUNDS

Use Bifenthrin 2.4 MEC as a Drench Method

Apply 1-2 gallons of emulsion to each mound area by sprinkling the mound until it is wet and treat a 4 foot diameter circle around the mound. Use the higher volume for mounds larger than 12". For best results, apply in cool weather, such as in early morning or late evening hours, but not in the heat of the day. Treat new mounds as they appear.

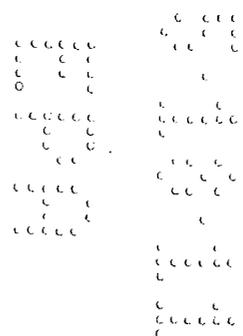
OPTION 1

(For Bifenthrin 2.4 MEC label)

**Quart or Pint Concentrate with Applicator
Termite-Specific Label**

[The following are Optional Marketing Statements:]

- For deep-soil barrier treatment.
- Kills on contact. Guaranteed.*
- No more messy mixing -- attaches to garden hose
- Termite Killer
- Subterranean Termite Killer
- Kills Subterranean Termites
- Termite Killer Concentrate
- Killer Concentrate for Termites
- In-Soil Termite Killer
- Deep-Soil Treatment
- Deep-Soil Barrier Treatment
- Trench Treatment for Termites
- Termite Killing Trench Treatment
- Termite Killer Trench Treatment
- Trench & Drench Termite Treatment
- Trench & Drench Treatment for Termites



- Underground Termite Barrier
- Concentrate for Deep-Soil Treatment
- Termite Barrier
- Underground Barrier
- Creates Underground Termite Barrier
- Easy to Use - Trench & Spray
- For Underground Termite Barrier
- Termite Killing Solution: Trench Treatment
- Foundation Barrier Treatment
- Barrier Treatment for Foundations
- Kills on contact.
- Guaranteed.
- Keeps termites away for up to 5 years in areas treated.
- Forms a termite barrier.
- Creates an underground barrier against termites.
- Creates underground barrier.
- For underground termite control.
- Thorough deep-soil treatment for barrier performance.
- For use around foundations!

Trench • Drench
Trench • Spray

To kill subterranean termites, it's best to reach them underground -- where termites live and travel.

For best results: form a long-lasting deep-soil barrier without gaps for termites to slip through. Trench treat to kill and prevent termites with Bifenthrin 2.4 MEC formula.

With this auto-dose applicator sprayer, it's easy to thoroughly spray both the trench and the backfill soil with just the right level of concentrate. The barrier kills termites on contact.

See pages 4 & 5 on inside label for more information

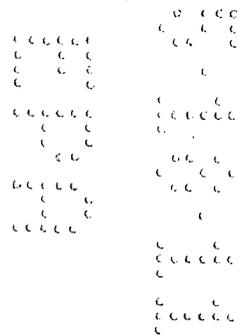
KILLS	Subterranean termites.
WHERE TO USE	Use outside around home foundations, wooden structures, deck, fence or mailbox posts, wood piles and stored lumber.
FOR BEST RESULTS	Trench treatment recommended to form a dense, deep-soil barrier underground.
EASY TO APPLY	Easy to use, simply attach hose to sprayer. No need for messy mixing. Spray both trench and back-fill soil thoroughly and evenly (see directions on pages x-x of back label). IMPORTANT: For long-lasting results, empty entire quart container across 25 feet of trench and back-fill soil. Under-treatment will reduce the barrier effectiveness. The dose of diluted mixture needed for trench and back-fill soil is a rate of 10 gallons per 25 feet of trench.
ONE Quart COVERS	This auto-dose applicator bottle treats 25 feet of trench and back-fill soil in about 5 minutes.
If termites are found within the house or structure, contact a licensed pest control operator for treatment.	
If you have questions, comments, or need medical information, contact SafetyCall®: (866) 897-8050	

People and pets may enter treated area after application has dried.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read and follow all label directions. For outdoor homeowner post-construction use only.

KILLS	<p>Subterranean termites. For best results: it is recommended to trench treat to form a dense, deep-soil barrier where termites live and travel - underground. Spray both the trench and the back-fill soil so there are no gaps or holes for termites to slip through. If termites are found within the house or structure, contact a licensed pest control operator for treatment.</p>										
HOW MUCH DO YOU NEED?	<p>Using this convenient auto-dose applicator bottle provides 25 feet of trench barrier coverage. The total amount of concentrate needed is based on the distance in feet around the outside of the structure to be treated.</p> <ul style="list-style-type: none"> • Measure the perimeter in feet. • Round to the nearest foot. • Divide total measure by 25. (For example, if measure is 100: 100 / 25 = 4) • You will need 4 auto-dose quarts applicator bottles. <p>IMPORTANT: For long-lasting effect, the dose of diluted mixture needed for trench and back-fill soil is a rate of 10 gallons per 25 feet of trench, with this auto-dose applicator bottle, to correctly cover 25 feet, it takes about 5 minutes of drenching the trench and the back-fill soil. This applicator bottle mixes just the right amount of concentrate with water (3.2 oz of concentrate per gallon). Use this reference chart:</p> <table border="1" data-bbox="503 1081 1193 1228"> <thead> <tr> <th>Trench Length</th> <th>Number of Auto-Dose Quart Bottles</th> </tr> </thead> <tbody> <tr> <td>10 feet</td> <td>Slightly less than one-half of the bottle</td> </tr> <tr> <td>25 feet</td> <td>One bottle</td> </tr> <tr> <td>50 feet</td> <td>Two bottles</td> </tr> <tr> <td>100 feet</td> <td>Four bottles</td> </tr> </tbody> </table>	Trench Length	Number of Auto-Dose Quart Bottles	10 feet	Slightly less than one-half of the bottle	25 feet	One bottle	50 feet	Two bottles	100 feet	Four bottles
Trench Length	Number of Auto-Dose Quart Bottles										
10 feet	Slightly less than one-half of the bottle										
25 feet	One bottle										
50 feet	Two bottles										
100 feet	Four bottles										
BEFORE YOU SPRAY	<ol style="list-style-type: none"> 1. Gather a couple tools: -Pointed Hoe OR Flat Blade Trench Spade -Measuring Tape 2. Scrape or dig a trench directly alongside the foundation. Trench should measure about 6" wide by 6" deep, or dig to the top of the footing, whichever is less. 3. Measure and mark in 25-foot lengths so it's easy to track progress. <p>IMPORTANT: Never dig below the top of a footing to avoid shifting the foundation.</p>										
HOW TO APPLY	<ul style="list-style-type: none"> • Shake product well before use. • Connect hose to sprayer on bottle. • Turn on water. 										



	<p>TO SPRAY</p> <ol style="list-style-type: none"> a. To begin spraying, point nozzle in the direction you want to spray. b. Bend small yellow plastic tab back and turn knob clockwise to ON position. c. Use up one quart bottle over each 25 feet of trench length (applies 10 gallons of diluted mixture for every 25 feet of trench length). Spray evenly over both the trenched area and back-fill soil. d. Refill trench with treated soil. <table border="1" style="margin: 10px auto;"> <thead> <tr> <th>Trench Length</th> <th>Estimated Time Needed for Accurate Dosage</th> </tr> </thead> <tbody> <tr> <td>10 feet</td> <td>2 ½ minutes</td> </tr> <tr> <td>25 feet</td> <td>5 minutes</td> </tr> <tr> <td>50 feet</td> <td>10 minutes, or 5 minutes per bottle</td> </tr> <tr> <td>100 feet</td> <td>20 minutes, or 5 minutes per bottle</td> </tr> </tbody> </table> <p>FINISH</p> <ol style="list-style-type: none"> 1. To stop spraying, turn knob counter-clockwise to OFF position. Turn off water. 2. Relieve water pressure by bending yellow plastic tab back and turning knob to ON position until water slows to a drip. 3. Turn knob back to OFF position. 4. Disconnect sprayer from hose. 	Trench Length	Estimated Time Needed for Accurate Dosage	10 feet	2 ½ minutes	25 feet	5 minutes	50 feet	10 minutes, or 5 minutes per bottle	100 feet	20 minutes, or 5 minutes per bottle
Trench Length	Estimated Time Needed for Accurate Dosage										
10 feet	2 ½ minutes										
25 feet	5 minutes										
50 feet	10 minutes, or 5 minutes per bottle										
100 feet	20 minutes, or 5 minutes per bottle										

<p>TO TREAT NEW INSTALLATION OR EXISTING FENCE POSTS, SIGNPOSTS, MAILBOX POSTS, POLES, OR LANDSCAPE ORNAMENTATIONS:</p> <ul style="list-style-type: none"> • Treat all sides to create a continuous and thorough barrier around the pole or post. • The formula bonds to the soil and kills termites on contact. 	
<p>For New Post or Pole Installations</p>	<p>For Existing Post or Pole Treatment</p>
<ul style="list-style-type: none"> • Spray-apply to both the hole and the back-fill soil. • For EACH post or pole: -Use one-half gallon in the soil surrounding the hole; AND -Use one-half gallon in the back-fill soil. • Takes 30 seconds per post or pole to appropriately drench the soil at the accurate dose. • Refill hole with treated back-fill soil. 	<ul style="list-style-type: none"> • Dig a trench 6 inches wide by 6 inches deep around the pole or post • Spray-apply to both the trench and the back-fill soil. • For EACH post or pole: -Use one-half gallon in the soil surrounding the hole; AND -Use one-half gallon in the back-fill soil. • Takes 30 seconds per post or pole to appropriately drench the soil at the accurate dose. • Refill hole with treated back-fill soil.
<p>To re-apply to ANY treated area: Reapply only when there has been a disruption of the barrier in the soil due to construction, excavation, landscaping, etc. Reapplication should be made as a spot treatment to those areas. Do not apply product each year.</p>	

IMPORTANT:

- For outdoor, homeowner post-construction uses only.
- Do not apply in or on electrical equipment or outlets due to possibility of shock.
- Keep children and pets off treated areas following application until the area has dried.
- Do not treat pets with this product.
- Do not spray inside dwellings.
- Do not apply to ornamental plants.
- Do not apply to plants grown for food, such as vegetables, fruits or other feed crops.

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- Do not apply near fish pools, ponds, streams, rivers or lakes.
- Do not apply to soil in the vicinity of wells, cisterns or ponds.
- Do not treat structures that contain cisterns, wells, french drains or sump systems.

NOTICE: Buyer assumes all risks of use, storage or handling of this product not in accordance with directions.

OPTION 2

(For Bifenthrin 2.4 MEC label)

Quart or Pint Concentrate Without Applicator Multi-Wood-Boring Insect Label (Trench Treat Termites)

- Kills on contact. Guaranteed.*
- Termite & Insect Killer
- Wood-Boring Insect Killer
- Kills and Controls Wood-Boring Insects
- Killer Concentrate for Wood-Boring Insects
- Kills and Controls Insects
- Multi-Purpose Termite & Insect Killer
- Kills termites, carpenter ants, wood-boring insects
- Kills insects
- Kills wood-destroying insects on contact.
- Kills termites, carpenter ants, wood-boring beetles, fleas, ticks, spiders, scorpions and other listed pests.
- Controls wood-boring insects.
- Barrier of control against insects
- For use around foundations

KILLS	Kills wood-boring insects such as: subterranean termites, carpenter ants, carpenter bees, wood-destroying beetles (see full list on page x of this label). Other insects such as: scorpions, fleas, mosquitoes, spiders, ticks, and other listed pests (see full list on page x of this label).
WHERE TO USE	Use outside around home foundations, wooden structures, deck, fence or mailbox posts, wood piles and stored lumber. For outdoor, residential uses only.
FOR BEST	Dilute concentrate according to directions (see inside pages).

RESULTS	For termites: Trench treatment recommended to form a dense, deep-soil barrier underground. Spray thoroughly and evenly on both trench and back-fill soil. For other insects: Spray diluted product evenly over area treated.
EASY TO APPLY	Dilute concentrate according to directions for the specific insect or pest. Refer to inside pages of this label. For termites: Use trench-treatment directions (see pages x-x of this label). Dilute 3.2 oz. (6 ½ Tbs.) of concentrate with 1 gallon of water for every 2 ½ feet of trench. For Wood-Boring and All Other Listed Insects: Dilute 3.0 oz. (6 Tbs.) of concentrate with 6 gallons of water for each 1000 square feet (see pages x-x of this label).
ONE Pint COVERS	For termite trench-treatment: Covers slightly over 10 feet of trench. For all other listed insects: Covers up to 5,000 square feet.
If termites are found within the house or structure, contact a licensed pest control operator for treatment.	
If you have questions, comments, or need medical information, contact SafetyCall®: (866) 897-8050	
People and pets may enter treated area after application has dried.	

Bifenthrin 2.4 MEC is specially formulated for residential use and to be used around existing structures, but not for pre- construction use.
Do not use inside dwellings.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

To kill subterranean termites, it's best to reach them underground -- where termites live and travel as they search for food.
For best results: it is recommended to trench treat to form a dense, deep-soil barrier where termites live and travel-underground. Spray both the trench and the back-fill soil so that there are no gaps or holes for termites to slip through.

If termites are found within the house or structure, contact a licensed pest control operator for treatment.

For other Wood-Boring or Home-Invading Insects: See pages x-x of this label.
For Subterranean Termite Treatment: Read and follow all label directions. For outdoor homeowner post-construction use only.

BEFORE YOU APPLY	Clear site and dig trench.	Dig a trench next to the foundation that is 6 inches wide by 6 inches deep, top of the footing, whichever dig down to the is less.
HOW MUCH DO YOU NEED?	The total amount of concentrate needed is based on the distance in feet around the outside of the structure to be treated.	<ul style="list-style-type: none"> • Measure perimeter in feet • Round to the nearest foot. • Divide measure by 12.5. For example, if measure is 50: $50 / 12.5 = 4$. • You will need 4 pint bottles.

MEASURE & MIX CONCENTRATE & WATER	Tank Sprayers	<ul style="list-style-type: none"> • Shake concentrate product well. • Mix 3.2 oz. (6 ½ Tbs.) of concentrate for each gallon of water.
		<ul style="list-style-type: none"> • Close sprayer, shake well to mix. • Pressurize sprayer and adjust nozzle to coarse spray.
	Sprinkling Can or Bucket	<ul style="list-style-type: none"> • Shake concentrate product well. • Mix 3.2 oz. (6 ½ Tbs.) of concentrate for each gallon of water. • Mix well.
EASY TO APPLY	Using a Tank Sprayer	<ul style="list-style-type: none"> • Apply to trench and back-fill soil evenly. • Spray until tank is empty, re-pressurize tank as needed. • Replace treated back-fill soil into trench. • Repeat from Measure & Mix through Apply until entire trench is treated.
	With a Watering Can	<ul style="list-style-type: none"> • Apply one-half evenly into trench, the other half onto the back-fill soil. • Replace back-fill soil into trench. • Repeat from Measure & Mix through Apply until entire trench is treated.
WHEN TO REAPPLY	Reapply only when there has been a disruption of the barrier in the soil due to construction, excavation, landscaping, etc. Reapplication should be made as a spot treatment to those areas. Do not apply product each year.	

For Subterranean Termite Treatment:

TO TREAT NEW INSTALLATION OR EXISTING FENCE POSTS, SIGNPOSTS, MAILBOX POSTS, POLES, OR LANDSCAPE ORNAMENTATIONS:

- Treat all sides to create a continuous and thorough barrier around the pole or post.
- The formula bonds to the soil and kills termites on contact.

For New Post or Pole Installations	For Existing Post or Pole Treatment
<ul style="list-style-type: none"> • Spray-apply to both the hole and the back-fill soil. • For EACH post or pole: -Use one-half gallon in the soil surrounding the hole; AND -Use one-half gallon in the back-fill soil. • Refill hole with treated back-fill soil. 	<ul style="list-style-type: none"> • Dig a trench 6 inches wide by 6 inches deep around the pole or post. • Spray-apply to both the trench and the back-fill soil. • For EACH post or pole: -Use one-half gallon in the soil surrounding the hole; AND -Use one-half gallon in the back-fill soil. • Takes 30 seconds per post or pole to appropriately drench the soil at the accurate dose. Refill hole with treated back-fill soil.

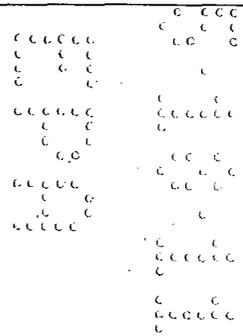
To re-apply to ANY treated area:

Reapply only when there has been a disruption of the barrier in the soil due to construction, excavation, landscaping, etc. Reapplication should be made as a spot treatment to those areas. Annual product application must be avoided.

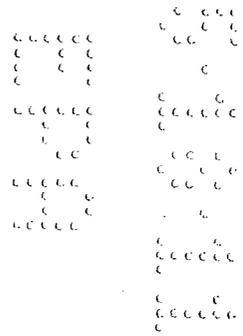
For Subterranean Termite Treatment: See pages x-x of this label.

For Wood-Boring, Home-Invading and Other Listed Insects (See page x of label for a complete list of insects): Read and follow all label directions. For outdoor homeowner post-construction use only.

	For Carpenter Ants, Carpenter Bees, Wood Destroying Beetles, and Other Home Invading Pests (Outdoors)	For Lawn Pests	For Mosquitoes
WHERE TO APPLY	<p><u>Wood Treatment:</u></p> <ul style="list-style-type: none"> • Apply diluted mixture directly onto fences and outdoor wood surfaces of buildings. • Apply evenly onto surface by spraying diluted mixture, or painting diluted mixture onto surface. • Allow to dry and repeat to ensure the insecticide soaks into the wood. <p><u>Wood Piles & Stored Lumber:</u></p> <ul style="list-style-type: none"> • Use a coarse, drenching spray and apply evenly. • Treated wood can be burned or used for building one month after treatment. <p><u>Perimeter Treatment:</u></p> <ul style="list-style-type: none"> • To keep insects from entering the house, spray a 3 to 10 foot band of soil around the house, next to the foundation. • Also spray the foundation of the house up to a height of 2 to 3 feet. House siding may be treated if pests such as gypsy moth adults and caterpillars, box elder bugs, elm leaf beetles, earwigs, or silverfish are present. 	<p><u>Lawns:</u></p> <ul style="list-style-type: none"> • Apply evenly to lawn surface. • Allow to dry before using treated areas. 	<p><u>Perimeter surrounding the house, lawns, patio, porch or deck surfaces, or other areas treated for other listed pest:</u></p> <ul style="list-style-type: none"> • Mosquitoes, which come to rest on treated areas, will be killed for varying periods of time after application, depending on exposure of treated areas to environmental conditions.
MEASURE & MIX CONCENTRATE & WATER	Tank Sprayers	<ul style="list-style-type: none"> • Shake concentrate product well. • Mix 3.0 oz (6 Tbs.) of concentrate for each gallon of water. • Close sprayer, shake well to mix. • Pressurize sprayer and adjust nozzle to coarse spray. 	



	Sprinkling Can or Bucket	<ul style="list-style-type: none"> • Shake concentrate product well. • Mix 3.0 oz (6 	
		<ul style="list-style-type: none"> Tbs.) of concentrate for each gallon of water. • Mix well and apply. 	
	Dial-type Hose-End Sprayer (no premixing required)	<ul style="list-style-type: none"> • Shake concentrate product well. • Set dial to 1 Tbs. • Add 3 oz (6 TBS) of concentrate for every 1000 square feet of coverage. • DO NOT ADD WATER TO SPRAYER JAR. • Close jar, attach sprayer to hose. • After spraying, unused product MUST be poured back into its original container. 	
APPLY	Using a Tank Sprayer	<ul style="list-style-type: none"> • Apply evenly over area being treated. • Spray until tank is empty, re-pressurize the tank as needed. • Repeat from Measure & Mix through Apply until entire area is treated. 	
	With a Watering Can	<ul style="list-style-type: none"> • Mix well. • Apply evenly over area being treated. • Repeat from Measure & Mix through Apply until entire area is treated. 	



	Using a Hose-End Sprayer	<ul style="list-style-type: none"> • Turn on water. • Turn on Sprayer. • Apply evenly over area being treated. 	
		Spray until jar is empty. <ul style="list-style-type: none"> • Turn off water. • Repeat from Measure & Mix through Apply until entire area is treated 	
REAPPLY	Repeat application is necessary only if there are signs of renewed insect activity. Repeat application should be limited to no more than once a week (7 days).		

INSECTS KILLED AND CONTROLLED with Bifenthrin 2.4 MEC: See previous pages for directions for use.

<p>TERMITES Directions for Use: See pages x-x of this label.</p> <p>Subterranean Termites</p> <p>WOOD BORING INSECTS Directions for Use: See pages x-x of this label.</p> <p>Carpenter Ants Carpenter Bees Subterranean Termites Wood Destroying Beetles, including: Old House Borer Powder Post</p>	<p>HOME INVADING PESTS (Outdoors) Directions for Use: See pages x-x of this label.</p> <p>Ants, including: Carpenter Ant, Red Harvester, Pavement, Odorous, Pyramid, Argentine, Pharaoh</p> <p>Beetles Boxelder Bugs Centipedes Chiggers Crickets Earwigs Elm Leaf Beetles Fleas German Cockroaches Gypsy Moth Adults House Flies Hornets Millipedes Scorpions Silverfish Sowbugs Spiders, including: Black Widow Brown Recluse Springtails Ticks Wasps Yellow Jackets</p>	<p>LAWN PESTS (Outdoors and Above Ground) Directions for Use: See pages x-x of this label.</p> <p>Armyworms Billbugs Beetles Chiggers Chinch Bugs Clover Mites Crickets Cutworms Dichondra Flea Beetle Earwigs Grasshoppers Sod Webworms Ticks</p> <p>LAWN PESTS (Outdoors, Below Ground) Directions for Use: see pages X-X of this label.</p> <p>Mole Crickets European Crane Flies</p>
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Important:

- For outdoor, homeowner post-construction uses only.
- Food utensils, such as measuring spoons and measuring cups, should NOT be used for food purposes after use with insecticides.
- Do not apply in or on electrical equipment or outlets due to possibility of shock.
- Keep children and pets off treated areas following application until the area has dried.
- Do not treat pets with this product.
- Do not spray inside dwellings.
- Do not apply to ornamental plants.
- Do not apply to plants grown for food, such as vegetables, fruits or other feed crops.
- Do not apply near fish pools, ponds, streams, rivers or lakes.
- Do not apply to soil in the vicinity of wells, cisterns or ponds.
- Do not treat structures that contain cisterns, wells, french drains or sump systems.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Storage and Spill Procedures: Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spillage or leakages, soak up with an absorbent material such as sand, sawdust, earth, Fuller's earth, etc. Dispose of with chemical waste.

Pesticide Disposal: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

Container Disposal:

For Containers equal to or less than 5 Gallons : Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available.

For Containers greater than 5 Gallons: Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling if available.

For Bulk containers: (Refillable Container) Refill this container with pesticides only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the re-filler. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or re-circulate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

